

# Log: Week 1

Sam Barrett

February 7, 2021

This week I have:

- Re-familiarised myself with my code base & what I have implemented up until to now
- Implemented a linear ranked selection function of the same shape as the existing roulette wheel (fitness proportional) selection.
  - I have also reworked the `GA` and `CGA` function types to allow for specification of selection operator and ranking function of `ranked_selection`.
- Working on parallelising `bezInt` function, currently runs `async` allowing for better average case runtime but running on multiple threads will increase speedup further. Currently this method alone results in a ~50x slowdown!